As a bei w named inv nt r, in r	by deciare that:
This declaration is of the following ty	ре:
☐ original ☐ divisional ☐ continuation ☑ continuation-in-part	
IN	VENTORSHIP IDENTIFICATION
am the original, first and sole inven	and citizenship are as stated below next to my name. I believe I tor (if only one name is listed below) or an original, first and joint below) of the subject matter which is claimed and for which a titled:
ABSORE	BER LAYER FOR DSA PROCESSING
SP	ECIFICATION IDENTIFICATION
The specification of which:	
or Express Mail No.(as and was amended o	, under Serial No, executed on even date herewith; s Serial No. not yet known) on (if applicable) and claimed in PCT International Application filed on and as amended under PCT
ACKNOWLEDGMENT	OF REVIEW OF PAPERS AND DUTY OF CANDOR
I hereby state that I have reviewed including the claims, as amended by	and understand the contents of the above-identified specification, any amendment referred to above.
with Title 37, Code of Federal Reg application; namely, information wh	all information I know to be material to patentability in accordance pulations, §1.56, and which is material to the examination of this ere there is a substantial likelihood that a reasonable Examiner ng whether to allow the application to issue as a patent, and
In compliance with accordance with 37	this duty there is attached an Information Disclosure Statement in CFR §1.98.

	$\boxtimes$	No such applications have been filed.				
		Such appl	ications have been t	filed as follows:		
A.				ed within 12 mos. (6 under 35 U.S.C. §119		n) prior to this
	Coun	try/PCT	Application No	Date Filed	<u>Prior</u>	ity Claimed
			·		_ Y	es  No es  No es  No
В.		eign applic oplication	ation(s), if any, file	d more than 12 mos.	. (6 mos for desig	n) prior to this
	Country Applica Filing d	tion No:				
C.	U.S. Provisional Application filed within 12 months prior to this application					on
	<u>Serial</u>	<u>No.</u>		Filing Date		
			PRIORITY C	LAIM (35 U.S.C. §120	)	
applica listed b in that/ States of this Examir which (	etion(s) of pelow and those personal Code, § application accurred	r PCT inter d, insofar a rior applica 112, I ackn tion (name d consider i	rnational application is the subject matter tion(s) in the mann owledge the duty to ely, information who t important in deciding the filing date of the p	, United States Coc (s) designating the Ur of each of the claims her provided by the fi disclose information to here there is substan- ing whether to allow the prior application(s) and	nited States of Am of this application rst paragraph of that is material to tial likelihood tha e application to is:	erica that is/are is not disclosed Title 35, United the examination tareasonable are as a patent)
			pplications have be			
	$\boxtimes$	Such appl	ications have been t	nied, as follows:	•	
	Serial I	No. Fi	ling Date	Patented	Status Pending	Abandoned
	10/679		ctober 3, 2003		X	<u> </u>

I hereby appoint the following attorneys and/or agents to prosecute this application and transact all business in the Patent and Trademark Office connected therewith:

Donald Verplancken Registration No. 33,217 Peter J. Sgarbossa Registration No. 25,610 Raymond Kam-On Kwong Registration No. 37,165 Joseph Bach Registration No. 37,771 James C. Wilson Registration No. 35,412 Robert W. Mulcahy Registration No. 25,436 B. Todd Patterson Registration No. 37,906 Raymond R. Moser, Jr. Registration No. 34.682 Keith M. Tackett Registration No. 32,008

Send correspondence to:

Direct telephone calls to:

Patent Counsel Applied Materials, Inc. P.O. Box 450-A B. Todd Patterson Moser, Patterson & Sheridan, L.L.P.

(713) 623-4844

Santa Clara, CA 95052

### **DECLARATION**

I hereby declare that all statements made herein of my own knowledge are true and that all statements made on information and belief are believed to be true; and, further, that these statements were made with the knowledge that willful false statements and the like so made are punishable by fine or imprisonment, or both, under Sec. 1001 of Title 18 of the United States Code, and that such willful false statements may jeopardize the validity of the application or any patents issued thereon.

Full name of first inver	ntor: LUC V	'AN AUTRYVE		4
Inventor's signature:Residence:	Rue du Gros		Date: Dec 1	k 2003
Post Office Address:	1332, Rixens Same as abov	e.	shin: DELCIAN	
<b>5</b>	a la compa	Country of Citizens	SIIP. BELGIAN	
Full name of second in	nventor: CHRIS	S D. BENCHER		
Inventor's signature:			Date:	
Residence:	1251 Hazlett C San Jose, Cali			
Post Office Address:			•	
	U.S.A.	Country of Citizens	ship: UNITED STATES	
Full name of third inve	entor: <b>DEAN</b>	JENNINGS		
Inventor's signature:	·		Date:	
Residence:	6 Thireau Circl	e		
		achusetts 01915		
Post Office Address:	Same as above	e.		
	U.S.A.	Country of Citizens	ship: UNITED STATES	

Full name of <b>fourth</b> inv	rentor: HAIFAN LIANG
nventor's signature:	Date:
Residence:	1130 3rd. Avenue #210
	Oakland, California 94606
Post Office Address:	
	U.S.A. Country of Citizenship: UNITED STATES
Full name of <b>fifth</b> inven	ntor: ABHILASH J. MAYUR
nventor's signature:	Date:
Residence:	17651 Olsen Place
	Salinas, California 93906
Post Office Address:	
	U.S.A. Country of Citizenship: INDIA
-ull name of <b>sixth</b> inve	ntor: MARK YAM
nventor's signature:	Date:
Residence:	17608 Vineland Avenue
	Monte Sereno, California 95030
Post Office Address:	
	U.S.A. Country of Citizenship: UNITED STATES
Full name of seventh i	nventor: WENDY H. YEH
nventor's signature:	2439 Villa Nueva Way  Mountain View California 94040
Residence:	2439 Villa Nueva Way
	Mountain view, Camornia 54040
Post Office Address:	
	U.S.A. Country of Citizenship: UNITED STATES
ull name of <b>eighth</b> inv	ventor: RICHARD A. BROUGH
nventor's signature:	Date:
Residence:	23 Meadow Brook Lane
	Wingdale, New York 12594
Pact Office Address	Same as above

U.S.A.

Country of Citizenship: UNITED KINGDOM

232230

As a below nai	med inventor, I hereby declare that:
This declaration	is of the following type:
	original divisional continuation continuation-in-part
	INVENTORSHIP IDENTIFICATION
am the original, inventor (if plur	post office address and citizenship are as stated below next to my name. I believe I first and sole inventor (if only one name is listed below) or an original, first and joint ral names are listed below) of the subject matter which is claimed and for which a t on the invention entitled:
	ABSORBER LAYER FOR DSA PROCESSING
	SPECIFICATION IDENTIFICATION
The specificatio	on of which:
	is attached hereto was filed on, under Serial No, executed on even date herewith; or Express Mail No.(as Serial No. not yet known) and was amended on (if applicable) was described and claimed in PCT International Application No filed on and as amended under PCT Article 19 on
AC	KNOWLEDGMENT OF REVIEW OF PAPERS AND DUTY OF CANDOR
	hat I have reviewed and understand the contents of the above-identified specification, aims, as amended by any amendment referred to above.
with Title 37, C application; nar	the duty to disclose all information I know to be material to patentability in accordance code of Federal Regulations, §1.56, and which is material to the examination of this mely, information where there is a substantial likelihood that a reasonable Examiner it important in deciding whether to allow the application to issue as a patent, and
	In compliance with this duty there is attached an Information Disclosure Statement in accordance with 37 CFR §1.98.

	$\boxtimes$	No such a	applications have bee	en filed.		
		Such app	lications have been f	iled as follows:		
<b>A.</b> ·			T application(s) file any priority claims			gn) prior to this
•	Count	ry/PCT	Application No	Date File	<u>d</u> Pric	ority Claimed
						Yes  No Yes  No Yes  No
В.		gn applic	ation(s), if any, file	d more than 12 mo	s. (6 mos for desi	gn) prior to this
	Country: Applicati Filing da	ion No:				
C.	U.S. Pro	visional	Application filed wi	ithin 12 months pri	or to this applicat	tion
	Serial N	<u>o.</u>		Filing Date		
			PRIORITY CI	LAIM (35 U.S.C. §12	20)	
applica listed b in that/ States of this Examir which o	tion(s) or elow and those pri- Code, §1 applicatiner would occurred b	PCT inter , insofar a or applica 12, I ackn on (name consider	efit under Title 35, rnational applications the subject matter ition(s) in the mann owledge the duty to ely, information whe it important in decidine filing date of the periodical incomplete.	(s) designating the Update of each of the claim of each of the claim of provided by the disclose information ore there is substang whether to allow	United States of Areas of this application first paragraph of that is material to antial likelihood that the application to is	merica that is/are is not disclosed Title 35, United the examination at a reasonable ssue as a patent)
			pplications have bee			·
	$\boxtimes$	Such appl	ications have been f	îled, as follows:		
	Comintal		ii D-t-	Datasta	Status	· · · · · · · · · · · · · · · · · · ·
	Serial No.		ling Date	<u>Patented</u>	Pending Y	Abandoned

I hereby appoint the following attorneys and/or agents to prosecute this application and transact all business in the Patent and Trademark Office connected therewith:

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Patent Counsel Applied Materials, Inc. P.O. Box 450-A Santa Clara, CA 95052 B. Todd Patterson Moser, Patterson & Sheridan, L.L.P. (713) 623-4844

### **DECLARATION**

I hereby declare that all statements made herein of my own knowledge are true and that all statements made on information and belief are believed to be true; and, further, that these statements were made with the knowledge that willful false statements and the like so made are punishable by fine or imprisonment, or both, under Sec. 1001 of Title 18 of the United States Code, and that such willful false statements may jeopardize the validity of the application or any patents issued thereon.

Full name of first inven	itor: LUC V	AN AUTRYVE		
Inventor's signature:			Date:	
Residence:	68 Rue Leconte Mennecy, Fran			
Post Office Address:	Same as above	<b>)</b> .	achin: PELCIAN	
		Country of Citizer		
Full name of second in		D BENCHER	1642	
	V .V =		·	
Inventor's signature:	horter Z	ench	Date: 12/9/03	
Residence:	1251 Hazlett C	ourt	-	
Post Office Address:	San Jose, Calif			
Fost Office Address.			nship: UNITED STATES	
Full name of third inve	ntor: <b>DEAN</b>	JENNINGS		
Inventor's signature:			Date:	
Residence:	6 Thireau Circle			
5 . 6	•	chusetts 01915		
Post Office Address:	Same as above		· · · · · · · · · · · · · · · · · · ·	
	U.S.A.	Country of Citizer	nship: UNITED STATES	

-	Full name of fourth inv	entor: HAIFAN LIANG
•	Inventor's signature:	Mafa 1 Date: 11/3/03
	Residence:	1180 3rd. Avenue #210 Ó Oakland, California 94606
	Post Office Address:	Same as above. U.S.A. Country of Citizenship: UNITED STATES
	Full name of <b>fifth</b> inver	
•		110. 1 0 1 11
n1 ~ 11	Inventor's signature:	17651 Olsen Place Date: 11/4/03
Olson Pl. 11	Residence:	Salinas, California 93906
(Not Olsen)	Post Office Address:	Same as above.
		U.S.A. Country of Citizenship: INDIA
	Full name of sixth inve	
	Inventor's signature:	Marketan Date: 11/4/03
	Residence:	17608 Vineland Avenue  Monte Sereno, California 95030
	Post Office Address:	Same as above. U.S.A. Country of Citizenship: UNITED STATES
	Full name of seventh i	nventor: WENDY H. YEH
	Inventor's signature:	Welled 4 2 Date: 1/3/03
٠.	Residence:	2439 Villa Nueva Way
	Post Office Address:	Mountain View, California 94040 Same as above
	r ost omoc riddress.	U.S.A. Country of Citizenship: UNITED STATES
•	Full name of eighth inv	rentor: RICHARD A. BROUGH
	Inventor's signature:	Date:
÷	Residence:	23 Meadow Brook Lane Wingdale, New York 12594
	Post Office Address:	Same as above
		U.S.A. Country of Citizenship, UNITED KINGDOM

232230

Asab low na	med inventor, I hereby declare that:
This declaratio	n is of the following type:
	original divisional continuation continuation-in-part
	INVENTORSHIP IDENTIFICATION
am the origina inventor (if plu	post office address and citizenship are as stated below next to my name. I believe I, first and sole inventor (if only one name is listed below) or an original, first and join tral names are listed below) of the subject matter which is claimed and for which are on the invention entitled:
	ABSORBER LAYER FOR DSA PROCESSING
	SPECIFICATION IDENTIFICATION
The specification	on of which:
	is attached hereto was filed on 10/3/2003, under Serial No. 10/679,189, executed on even date herewith; or Express Mail No.(as Serial No. not yet known) and was amended on (if applicable) was described and claimed in PCT International Application No filed on and as amended under PCT Article 19 on
A	CKNOWLEDGMENT OF REVIEW OF PAPERS AND DUTY OF CANDOR
	that I have reviewed and understand the contents of the above-identified specification aims, as amended by any amendment referred to above.
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	In compliance with this duty there is attached an Information Disclosure Statement in accordance with 37 CFR §1.98.

	$\boxtimes$	No such applications have been filed.					
		Such app	lications have been	filed as follows:			
A.				led within 12 mos. ( s under 35 U.S.C. §11		design) prio	r to this
	Cour	try/PCT	Application No	Date Filed	!	Priority Cla	imed
						☐ Yes ☐ Yes ☐ Yes ☐	No No No
В.		eign applicoplication	eation(s), if any, file	ed more than 12 mos	s. (6 mos for	design) prid	or to this
	Countr Applica Filing o	ation No:					
C.	U.S. P	rovisional	Application filed w	rithin 12 months pric	or to this app	olication	
	<u>Serial</u>	No.		Filing Date			
			PRIORITY C	CLAIM (35 U.S.C. §12	0)		
applica listed b in that/ States of this Examir which o	tion(s) of elow an those p Code, § application occurred	or PCT inte d, insofar a rior applica 112, I ackr tion (name d consider	rnational application is the subject matte ation(s) in the man lowledge the duty to ely, information what it important in decide the filing date of the	5, United States Con(s) designating the Uniter of each of the claims ner provided by the so disclose information here there is substanting whether to allow the prior application(s) are	Inited States of this applifirst paragrap that is mate ntial likelihoo he application	of America to cation is not on the of Title 3 rial to the exact that a rent to issue as	hat is/are disclosed 5, United amination asonable a patent)
	$\boxtimes$		applications have be lications have been				
		ouon upp	iodiono navo boen	mod, do follows.	Status	3	
	Serial I	do F	iling Date	Patented	Pendir		andoned

I hereby appoint the following attorneys and/or agents to prosecute this application and transact all business in the Patent and Trademark Office connected therewith:

Donald Verplancken Registration No. 33,217 Peter J. Sgarbossa Registration No. 25,610 Raymond Kam-On Kwong Registration No. 37,165 Joseph Bach Registration No. 37,771 James C. Wilson Registration No. 35,412 Robert W. Mulcahy Registration No. 25,436 B. Todd Patterson Registration No. 37,906 Raymond R. Moser, Jr. Registration No. 34,682 Keith M. Tackett Registration No. 32,008

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U.S.A.

B. Todd Patterson Moser, Patterson & Sheridan, L.L.P.

(713) 623-4844

### **DECLARATION**

I hereby declare that all statements made herein of my own knowledge are true and that all statements made on information and belief are believed to be true; and, further, that these statements were made with the knowledge that willful false statements and the like so made are punishable by fine or imprisonment, or both, under Sec. 1001 of Title 18 of the United States Code, and that such willful false statements may jeopardize the validity of the application or any patents issued thereon.

Full name of first inve	ntor: LU	IC VAN AUTRYVE		
Inventor's signature:			Date:	
Residence:	68 Rue Lec	conte de Lisle		
	Mennecy, I	France 91540		
Post Office Address:	Same as a	bove.		
	U.S.A.	Country of Citize	nship: BELGIAN	
Full name of <b>second</b> i	nventor: CH	IRIS D. BENCHER		
Inventor's signature:		<u></u>	Date:	
Residence:	1251 Hazle	ett Court		
	San Jose,	California 95131		
Post Office Address:	Same as a	bove.		
	U.S.A.	Country of Citizer	nship: UNITED STATES	
Full name of <b>third</b> inve	entor) <b>D</b> E	AN JENNINGS		
	X/1/	1	Date: 18 Dee03 6 Thoreau Circle	
Inventor's signature:	XL9/	S:\	Date: 10 7200	- 1
Residence:	- 1/	Circle 01015	6 Thoreau Circle	$\mathcal{L}$
Post Office Address:	Same as a	assachusetts 01915		
COSE OTHER ACCIDESS.	Dame as a	I II IVH		

Country of Citizenship: UNITED STATES

Full name of <b>fourth</b> inv	entor: <b>HAIFA</b>	N LIANG
Inventor's signature:		Date:
Residence:	1130 3rd. Aven	
	Oakland, Califo	
Post Office Address:		
	U.S.A.	Country of Citizenship: UNITED STATES
Full name of <b>fifth</b> inven	tor: ABHIL	ASH J. MAYUR
nventor's signature:		Date:
Residence:	17651 Olsen P	ace
	Salinas, Califor	
Post Office Address:		
	U.S.A.	Country of Citizenship: INDIA
Full name of <b>sixth</b> inve	ntor: MARK	YAM
nventor's signature:		Date:
Residence:	17608 Vineland	Avenue
		California 95030
Post Office Address:		• •
	U.S.A.	Country of Citizenship: UNITED STATES
Full name of <b>seventh</b> in	nventor: WEND	Y H. YEH
nventor's signature:		Date:
Residence:	2439 Villa Nuev	
	Mountain View,	California 94040
Post Office Address:		
	U.S.A.	Country of Citizenship: UNITED STATES
Full name of <b>eighth</b> inv	entor: RICHA	RD A. BROUGH
nventor's signature:		Date:
Residence:	23 Meadow Bro	
	Wingdale, New	
Post Office Address:	Same as above	
	U.S.A.	Country of Citizenship: UNITED KINGDOM

126897\_2

As a Delow Ha	med inventor, in reby declare that.					
This declaration	n is of the following type:					
	original divisional continuation continuation-in-part					
INVENTORSHIP IDENTIFICATION						
am the original inventor (if plui	post office address and citizenship are as stated below next to my name. I believe in a first and sole inventor (if only one name is listed below) or an original, first and joint rall names are listed below) of the subject matter which is claimed and for which a ton the invention entitled:					
ABSORBER LAYER FOR DSA PROCESSING						
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The specification	on of which:					
	is attached hereto was filed on, under Serial No , executed on even date herewith; or Express Mail No.(as Serial No. not yet known) and was amended on (if applicable) was described and claimed in PCT International Application No filed on and as amended under PCT Article 19 on					
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	In compliance with this duty there is attached an Information Disclosure Statement in accordance with 37 CFR §1.98.					

	No such applications have been filed.						
	Such applications have been filed as follows:						
A.	Prior foreign/PCT application(s) filed within 12 mos. (6 mos. for design) prior to this application, and any priority claims under 35 U.S.C. §119						
	Country/PCT	Application No	Date Filed	Priority Claimed			
				☐ Yes ☐ No ☐ Yes ☐ No ☐ Yes ☐ No			
В.	All foreign app U.S. application		nore than 12 mos. (6	mos for design) prior to this			
	Country: Application No: Filing date:	:					
C.	U.S. Provisional Application filed within 12 months prior to this application						
	Serial No.		Filing Date				
PRIORITY CLAIM (35 U.S.C. §120)							
applica listed b in that/ States of this Examir which o	tion(s) or PCT in elow and, insofathose prior app Code, §112, I are application (nater would consider	penefit under Title 35, Lenternational application(s) ar as the subject matter of lication(s) in the manner cknowledge the duty to disamely, information where ler it important in deciding in the filing date of the price	Jnited States Code, designating the Unite each of the claims of provided by the first sclose information that there is substantial whether to allow the a	§120, of any United States d States of America that is/are this application is not disclosed paragraph of Title 35, United t is material to the examination likelihood that a reasonable application to issue as a patent) the national or PCT international			
		ch applications have been to applications have been filed					
	<u>Serial No</u> . <b>10/679,189</b>	Filing Date October 3, 2003	Patented	StatusAbandoned X			

I hereby appoint the following attorneys and/or agents to prosecute this application and transact all business in the Patent and Trademark Office connected therewith:

Donald Verplancken Registration No. 33,217 Peter J. Sgarbossa Registration No. 25,610 Raymond Kam-On Kwong Registration No. 37,165 Joseph Bach Registration No. 37,771 James C. Wilson Registration No. 35,412 Robert W. Mulcahy Registration No. 25,436 B. Todd Patterson Registration No. 37,906 Raymond R. Moser, Jr. Registration No. 34,682 Keith M. Tackett Registration No. 32,008

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Full name of first inver	ntor: LUC VAN AUTRYVE			
Inventor's signature:		Date:		
Residence:	Rue du Gros Tienne 6			
	1332, Rixensart, Belgium			
Post Office Address:	Same as above.			
	Country of Citizenship: BELGIAN			
Full name of second in	nventor: CHRIS D. BENCHER			
Inventor's signature:		Date:		
Residence:	1251 Hazlett Court			
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	U.S.A. Country of Citizen	ship: UNITED STATES		
Full name of third inve	ntor: <b>DEAN JENNINGS</b>			
Inventor's signature:		Date:		
Residence:	6 Thireau Circle			
	Beverly, Massachusetts 01915			
Post Office Address:	Same as above.			

Country of Citizenship: UNITED STATES

Full name of <b>fourth</b> inve	entor: HAIFA	N LIANG			
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nventor's signature:			Date:		
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Post Office Address:	Same as above U.S.A.		۸۱۸		
	0.5.A.	Country of Onizeriship. II4	DIA .		
full name of <b>sixth</b> inve	ntor: MARK	YAM			
nventor's signature:			Date:		
Residence:	17608 Vineland	d Avenue			
		California 95030			
Post Office Address:			WTED 074750		
	U.S.A.	Country of Citizenship: UN	NITED STATES		
full name of <b>seventh</b> in	nventor: WEND	Y H. YEH			
nventor's signature:			Date:		
Residence:	2439 Villa Nuev	va Way	_		
		, California 94040			
Post Office Address:					
	U.S.A.	Country of Citizenship: UN	IITED STATES		
Full name of <b>eighth</b> inventor: RICHARD A. BROUGH					
nventor's signature:	2:	4.2	Date: 12/4/03		
Residence:	23 Meadow Bro	ook Lane			
	Wingdale, New	York 12594			
Post Office Address:	Same as above	e			
	U.S.A.	Country of Citizenship: UN	IITED KINGDOM		

232230